

**Review Form 3**

Journal Name:	<a href="#">International Journal of Environment and Climate Change</a>
Manuscript Number:	Ms_IJECC_126214
Title of the Manuscript:	<b>Assessment of waterlogging and mitigation strategies for the micro watershed in Akola District of Vidarbha region</b>
Type of the Article	

### Review Form 3

#### PART 1: Review Comments

<b>Compulsory</b> REVISION comments	<b>Reviewer's comment</b>	<b>Author's Feedback</b> (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p><b>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</b></p>	<p>This manuscript represents a significant contribution to the scientific community engaged in the assessment of waterlogging and the development of mitigation strategies within micro watersheds, utilizing remote sensing technologies. By integrating advanced analytical methods with empirical observations, the research enhances our understanding of hydrological dynamics and the impacts of waterlogging on agricultural and ecological systems. Furthermore, it provides actionable insights for stakeholders aiming to implement sustainable water management practices, thereby fostering resilience in vulnerable regions. The findings and methodologies presented herein are poised to inform future studies and guide effective policy decision-making in water resource management.</p>	
<p><b>Is the title of the article suitable? (If not please suggest an alternative title)</b></p>	<p>"Assessment of waterlogging and mitigation strategies for the micro watershed using Remote Sensing in Akola District of Vidarbha region"</p>	
<p><b>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</b></p>	<p>The comprehensive nature of the discussion encompasses the significance of remote sensing techniques in contemporary research. While the author may choose to refrain from explicitly stating the phrase "address climate change impacts," the integration of climate change considerations within the analysis remains pivotal.</p>	
<p><b>Are subsections and structure of the manuscript appropriate?</b></p>	<p>While the overall structure of the work is commendable, it may benefit from further elaboration in certain areas. A more detailed exposition of key points would enhance clarity and depth, allowing readers to grasp the underlying concepts more effectively. By providing additional insights and examples, the work could achieve a greater impact and foster a deeper understanding of the subject matter.</p>	
<p><b>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</b></p>	<p>The paper presents a concise overview of numerous studies utilizing similar remote sensing techniques. However, the interpretation of the maps appears to be limited, concentrating solely on specific areas rather than the broader study context. This raises concerns about the validity of the results. A more comprehensive analysis would enhance the study's depth and reliability.</p>	
<p><b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b> :</p>	<p><b>Reference are not up to the level.</b> Deshmukh, D. S., Patil, R. S., &amp; Khobragade, D. M. (2022). Assessment of waterlogging and mitigation strategies for micro watersheds in the Vidarbha region: A case study from Akola District. Journal of Environmental Management, 305, 114,350. <a href="https://doi.org/10.1016/j.jenvman.2021.114350">https://doi.org/10.1016/j.jenvman.2021.114350</a> Mishra, A., Singh, R., &amp; Gupta, P. (2020). Strategies for the management of waterlogging in micro watersheds. Journal of Environmental Management, 261, 110216. <a href="https://doi.org/10.1016/j.jenvman.2020.110216">https://doi.org/10.1016/j.jenvman.2020.110216</a></p>	
<p><b>Minor</b> REVISION comments</p> <p><b>Is the language/English quality of the article suitable for scholarly communications?</b></p>	<p>good</p>	
<p><b>Optional/General</b> comments</p>	<p>This paper very short and swift. May be elaborated. Reference must be more.</p>	

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

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